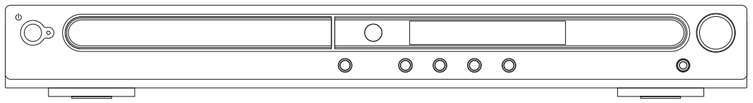
THOMSON

DPL912VD

EN

Pack Home Cinema with DVD



Instruction Manual

CE

SAFETY

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.

WARNINGS:

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

DO NOT REMOVE COVER or OPEN THE CABINET.
Dangerous high voltages are present inside the enclosure. No user serviceable parts inside. Refer servicing to qualified personnel only.

Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.

LASER:

CLASS 1 LASER PRODUCT KLASSE 1 LASER PRODUKT LUOKAN 1 LASER LAITE KLASS 1 LASER APPARAT	
Type:	Dual semiconductor laser GaAlAs
Wavelength:	650nm and 780nm
Output Power:	7mW
Beam Divergence:	60 degree

INVISIBLE LASER RADIATION WHEN OPEN OR INTERLOCK FAILED OR DEFEATED.

WARNINGS:

DO NOT STARE INTO BEAM. Avoid direct exposure to laser beam.

To prevent direct exposure to laser beam, do not try to open the enclosure.

To ensure proper use of this product, please read this owner manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: RETAIN THIS MANUAL FOR FUTURE REFERENCE.
This set has been designed and manufactured to assure personal safety.
Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit does not contain any parts that can be repaired by the user.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

S3125A PORTABLE CART WARNING

- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- **Burden**
 Do not place a heavy object on, or step on the product. The object may fall, causing serious personal injury and serious damage to the product.
- **Damage Requiring Service**
 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 a) When the power-supply cord or plug is damaged.
 b) If liquid has been spilled, or objects have fallen into the product.
 c) If the product has been exposed to rain or water.
 d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 e) If the product has been dropped or damaged in any way.
 f) When the product exhibits a distinct change in performance - this indicates a need for service.
- **Servicing**
 Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- **Replacement Parts**
 When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- **Safety Check**
 Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- The main plug is used as the disconnect device, the disconnect device shall remain readily operable condition.
- Stand-by light will be on when the main plug is connected, while the Stand-by light will be off when the main plug is disconnected to the socket.
- European versions comply with CE requirements.

PACKING

Examine the contents of the box for your DVD Receiver.
There should be the following:
- DVD Receiver with attached power cord
- Remote Control with 2 batteries
- Instruction Book
- Subwoofer
- 2 front speakers
- Center speaker
- 2 rear speakers
- FM antenna

INSTALLATION

- Install your unit on a stable flat surface. There must be sufficient room in front of the unit for the drawer to be opened and the unit should be positioned so that it can see the remote control.
- Do not expose your unit to extremes of temperature or humidity.
- Avoid standing it on a hot surface such as on top of other hot running equipment and ensure that there is adequate ventilation to the unit.

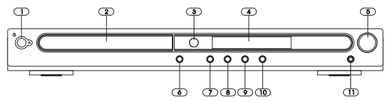
Caution:
Do not install this equipment in confined space such as a book case or similar unit!

Cleaning Disc

Picture freezing & sound skipping or repeating can occur if the disc inside the player is dirty.
- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out.
- Do not wipe in a circular motion. Circular scratches can cause picture distortion or render the disc unplayable.

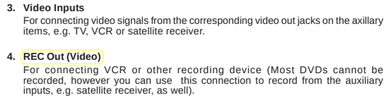
Caution:
Do not use solvents, commercially available cleaners, or antistatic spray intended for analog discs.

FRONT PANEL



1. Standby On / Off
2. Disc Tray
3. Infra-Red Receiver Window
4. VFD Display Area
5. **VOLUME** Adjusts the master volume. Turn clockwise to increase the volume and anti-clockwise to decrease
6. ⏏ / ■ Open/stops 1) Opens or closes the disc loading tray, 2) Stops playing.
7. ⏮ SKIP 1) skips to previous chapter/track in DVD/VCD/CD mode, 2) tunes down frequency in tuner mode. When the preset function applied, you can search downwards to select the channel you want or start the preset programming mode.
8. ⏭ SKIP 1) skips to next chapter/track in DVD/VCD/CD mode, 2) tunes up frequency in tuner mode. When the preset function applied, you can search upwards to select the channel you want or start the preset programming mode.
9. ▶ 1) Starts playing in DVD/VCD/CD mode, 2) In tuner mode, this starts to store displayed frequency at selected channel by ⏮ / ⏭ and a second press will save it.
10. **SOURCE** Switches between AV mode, tuner mode and DVD mode.
11. **Headphone Jack**

REAR PANEL



IMPORTANT!
Connect the AC cord only after the speakers, antenna and all optional equipment have been connected.
Never make or change any connections with the power switched on.
The rating plate is located at the rear panel of the system.

1. **FM Antenna Input Connections**
 For FM reception, connect the FM antenna to the FM jack. Move the antenna in various directions until the clearest signal is received.

 Note: Position the antenna as far away as possible from a TV, VCR or other radiation source.

2. **Audio Inputs**
 For connecting audio (Left / Right) input signals from auxiliary sources such as VCR, TV or Satellite Receiver and playing them through this Home Theater System. These connections are labeled AV1/AV2 and are selected by the SOURCE button on the front panel.

3. **Video Inputs**
 For connecting video signals from the corresponding video out jacks on the axillary items, e.g. TV, VCR or satellite receiver.

4. **REC Out (Video)**
 For connecting VCR or other recording device (Most DVDs cannot be recorded, however you can use this connection to record from the auxiliary inputs, e.g. satellite receiver, as well).

5. **REC Out (Audio)**
 For connecting audio (Left / Right) signals to external recording devices such as VCR or Tape Recorder.

6. **Component Video & Progressive Outputs**
 For connecting TV with component video input (using component video cable, not provided).

7. **TV Audio Input/RGB Output**
 (1) Under DVD mode, Scart Video terminal provides the best quality for video signal (Scart cable not included).
 (2) Under TV mode, receive Audio Signal from TV and play them through Home theatre system.

8. **Subwoofer Speaker**
 For connecting the passive subwoofer, with colored wire to "+" terminal and black wire to "-" terminal.

9. **Center Speaker**
 For connecting the center speaker, with colored wire to "+" terminal and black wire to "-" terminal.

10. **Surround Speaker (Rear Speakers)**
 For connecting the left surround speaker to "SL" terminals and right surround speaker to "SR" terminals. Connect the colored wire to "+" and black wire to "-".

11. **Front Speaker**
 For connecting the left front speaker to "L" terminals, right front speaker to "R" terminals. Connect the colored wire to "+" and black wire to "-".

12. **Active Subwoofer Out**
 For connecting an external powered subwoofer.

13. **Power Cord**

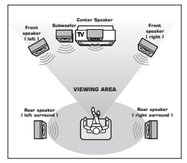
PLAYER ZONES

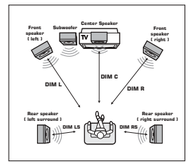
For the purpose of distribution of DVD Discs, the world has been separated into 6 zones. The zone your unit is intended for is indicated on the Zone Label. This should be the same as the label on discs available in your region.
If you have any difficulties in playing a disc, make sure that the disc is for the same zone as your player.



SPEAKER PLACEMENT

Placement of speakers play an important role in the reproduction of surround sound.
Particular attention should be taken when designing the speaker layout. For the best surround effects, all speakers should be installed.

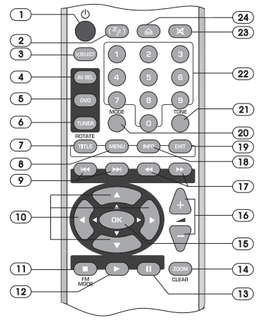




A typical room layout will have the left, center, and right speakers placed across the front and the left surround and right surround speakers placed along the sides towards the rear as shown in the above left picture. The center speaker can be positioned above or below the video screen or TV. A subwoofer can be installed for powerful bass sounds and can be positioned anywhere in the room.
The 'speaker to listener dimensions' shown in the above right picture is used for proper setup of the surround system

Notes:
- **Do not connect more than one speaker to any one pair of +/- speaker terminals.**
- **Do not connect speakers with an impedance lower than the speakers supplied.**

REMOTE CONTROL



1. ⏻ turns unit on/off
2. sets the sleep (auto-off) timer function.
3. **V.SELECT** toggles between progressive scan and switching different video output modes.
4. **AV SEL** selects external AV inputs (press repeatedly).
5. **DVD** selects DVD/CD/VCD mode.
6. **TUNER** selects Tuner mode .
7. **TITLE (ROTATE)** 1) displays the Title Menu if present on disc (DVD mode only), 2) rotates pictures when playing Picture CDs.
8. **MENU** enters Disc Contents Menu in DVD mode.
9. ⏮/⏭ skip backward/forward to the previous or next chapter/track.
10. (Active Navigation keys) advance in indicated directions for making selections in menus and Active Navigation mode .
11. ■ 1) stops playing, 2) selects Mono / Stereo in Tuner mode.
12. ▶ starts playing.
13. ❚❚ 1) freezes picture and sound during play
14. **ZOOM** 1) selects zooming options when playing video disc by pressing repeatedly.
 CLEAR delete the last selection in program mode.
15. **OK** 1) enters or selects in menu and setup navigation, 2) in Tuner mode, enters preset programming mode or confirms a preset.
16. △/▽ increases or decreases the volume.
17. ◀◀/▶▶ start reverse or forward search.
18. **INFO** enters or exits Active Navigation mode.
19. **EXIT** exits menus and Active Navigation mode.
20. **MODE** selects surround modes or soundfield modes.
21. **TONE** selects EQ modes.
22. **0 - 9** (Numeric keys) used for direct selections of title, chapter, track, tuner channel and time search input in DVD mode.
23. mutes and unmutes sound output.
24. ⏏ opens or closes the disc tray.

SWITCH ON FOR THE FIRST TIME

- You have connected up the Home Theater System as shown in the preceding pages.
- Connect Power to the DVD Player.
- The DVD Player should have the Standby Light illuminated.
- Press the Power on key (either on the panel or the remote control), the player will be in DVD mode.
- Press DVD on the remote control, the DVD Player will switch on in DVD mode. After a few seconds the panel will show "NO DISC".
- Switch on your TV and select the AV input that the DVD Player is connected to. You should see the DVD Screen and a message "Insert a disc".
- Press the open key (on the panel or the remote control). The drawer will open. Place a DVD in the drawer, and press close (same as open). The player will read the disc and start playing it. Before the movie starts to play, a menu will be shown. You will need to select 'PLAY MOVIE' and press [OK] before the movie will start.
- Although you can watch a movie immediately, to get the best result from your Home Theater, you should now press 'STOP' and proceed to do the system setup options on the next page. This will set up all the functions on your theater. You only need to do this when you first install your Home Theater.
- If you choose to watch the movie you can find out about DVD options and navigation of the DVD disc in the section "Playing a DVD disc" and onward.

Note: The player will play disc automatically.

PROBLEMS

If it appears that your DVD-Video player is faulty, first consult this checklist. It may be that something simple has been overlooked.
Under no circumstances should you try to repair the player yourself; as this will invalidate the warranty. Only qualified service personnel can remove the cover or service this player.
** When the unit is switched on the first time, SCART will be the* defaulted video output. Press the V-SELECT button to select the correct output modes. Your current output mode will show on the VFD.

NO POWER
- Check if the on/off button on the front of the player is set to on.
- Check if power plug of the mains cord is properly connected.
- Check if there is power at the AC outlet by plugging in another appliance.

NO PICTURE
- Check if the TV is switched on.
- Select the correct AV input on the TV.
- Check the video connection.
- Check if channel selector is set to AV on the TV. (See your TV manual for instructions).
- When Progressive Scan is on, no video output for composite video output.
- Press the V-SELECT button to select the correct video output mode. Otherwise no picture or distorted picture will be found.

DISTORTED PICTURE
- Check the disc for fingerprints and clean with soft cloth, wiping from center to edge.
- Sometimes a small amount of picture distortion may appear. This is not a malfunction.
- The disc format does not match the TV-set used (PAL/NTSC).
- Ensure that ONLY one video output is connected.

NO COLOR IN PICTURE
- The disc format is not according to the TV-set used (PAL/NTSC).
- Ensure DVD player is not connected through VCR.

PICTURE SWING
- Relocate the unit further away from possible interference or emission source (e.g. Radio, Power Amplifier, radiator etc.).

NO RETURN TO START-UP SCREEN WHEN DISC IS REMOVED
- Check to see if the program requires another disc to be loaded.
- Reset by unplugging the player from the power, then connect the power again.

THE PLAYER DOES NOT RESPOND TO THE REMOTE CONTROL
- Aim the remote control directly at the sensor on the front of the player.
- Avoid all obstacles which may interfere with the signal path.
- Inspect or replace the batteries.

NO SOUND
- Check audio connections.
- If using a Hi-Fi amplifier, try another sound source.
- Check that DTS digital out is selected in the Audio Menu if a DTS disc is played.
- Ensure there is a DTS decoder connected when selecting DTS.
- Clean the disc.
- Check if the disc is defective by trying another disc

NO AUDIO AT DIGITAL OUTPUT
- Check the digital connections
- Check the Digital Out menu to make sure that the digital output is correctly set.
- Check if the audio format of the selected audio language matches your unit capabilities.

DISC CANNOT BE PLAYED
- Ensure disc is placed properly into the disc tray.

YOU HAVE FORGOTTEN THE PASSWORD
- Under no disc condition, press Number Key 7, Number Key 6, Number Key 4, Number Key 1 and Number 8 on Remote Control in order.

FUNCTION DISTURBED
- The normal function of the product may be disturbed by external interference. Just reset the product (disconnecting and reconnecting the power cord might be required to resume normal operation).

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 525 or 625 progressive scan picture problems, it is recommended that the user switch the connection to the "standard definition" output. If there are questions regarding our TV set compatibility with this model 525p and 625p DVD player, please contact our customer service center.

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

DISC YOU CAN PLAY

While advances have been made to ensure that your disc player is compatible with the largest number of discs possible, however it cannot be guaranteed that you will be able to play discs which might not be compliant with audio CD standards. In the case of writable and rewritable discs, compatibility with this player depends on the CD/DVD writer, the right software and the disc used.

DVD-Video
Digital video discs - 12 cm and 8 cm, single or double sided, single or dual layer. DVDs are high-density optical discs on which high quality picture and audio are recorded by means of digital signals.

DVD-R, DVD-RW
Most DVD-R and DVD+R (one recording only), DVD-RW and DVD+RW discs (rewritable). Depending on the DVD writer and discs used. Recordings using DVD-R and DVD-RW discs must be made in Video DVD mode. Recordings using DVD+RW discs must be made in accordance with the specifications for DVD+RW discs with a 4.7 GB capacity.

Video CD(VCD)
VCD stands for Video Compact Disc which contains video footage, still images, audio tracks and interactive menus.

Audio CDs
Audio CDs (8 and 12 cm).

CD+G
CD+G is a Karaoke music format. The song words will be displayed on the TV screen and change color when it is time to sing the lyrics. There are no video scenes (movies) in the background.

CD-R & CD-RW
Most CD-R (one recording only) and CD-RW discs (rewritable). This player can play most CD-R discs. CD-Rs written during a multi-session recording can also be played, provided that the session has ended before the disc is played (depending on the write software). However, depending on the condition of the CD writer, computer and the disc used, you may find that not all discs will play successfully. When playing a CD-R disc, it is completely normal for the unit to take up to 20 seconds to recognize the disc before starting to play. If the disc is not recognized after a period of 20 seconds, remove the disc, and then insert it again.
- Irrespective of the actual recording capacity of the CD-R, do not use its full capacity.
- CD-Rs should be preferably used instead of CD-RWs (rewritable CDs) as, in certain cases, CD-RW playback may be faulty.
- Use reliable, good-quality CD write software.
- Close all other applications on the computer to ensure reliable CD-R disc recording.

MP3 Files
CD-R and CD-RW discs containing audio files in MP3 format. As for CD-R MP3 discs, please follow all the recommendations for CD-R above, along with the comments below:
- Your MP3 files should be ISO 9660 or JOLIET format. ISO 9660 format and Joliet MP3 files are compatible with Microsoft's DOS and Windows, as well as with Apple Mac. These two formats are the most widely used.
- MP3 filenames should not exceed 12 characters, and should end with the ".MP3" extension. General name format: "Title.MP3". When composing your title ensure that you use 8 characters or less, have no spaces in the name, and avoid the use of special characters including (. , / , \ , = ,+).
- Use a decompression transfer rate of at least 128kB/sec (kilobytes/second) when recording MP3 files. Sound quality with MP3 files basically depends on the rate of compression / decompression you choose. Obtaining audio CD quality sound requires an analog/digital sampling rate, that is converted to MP3 format, of at least 128kB/sec and up to 160kB/sec. Choosing higher rates, such as 192 kB/sec or more, will rarely produce better sound quality. Conversely, files with sampling rates below 128kB/sec will not play properly.
- Do not try recording copyright-protected MP3 files. "Secured" files are encrypted and code-protected to prevent illegal copying. You must not copy such files.

Important:
The above recommendations cannot be taken as a guarantee that the DVD player will play MP3 recordings, or as an assurance of sound quality. You should note that certain technologies and methods for MP3 file recording on CD-Rs prevent optimal playback of these files on your DVD player (i.e. degraded sound quality and even, in some cases, inability of the player to read the file).

WMA Files
CD-R with WMA files. Usable format similar to MP3 files; also see "MP3 Files" for reference.

JPEG Files
CD-R and CD-RW with JPEG files. JPEG is compressed image file format. Your player can play JPEG files with a resolution of up to five million (5 mega) pixels. However, there is no perceptible improvement in the quality of pictures displayed on your TV screen beyond 400,000 pixels.
Certain JPEG files, including progressive JPEG files, cannot be read by this player.
Note: Display time will vary according to the file size and number of pixels of JPEG files. The limitation of JPEG files size is 2M bytes.

DivX Files
DivX is the name of a revolutionary new video codec which is based on the new MPEG-4 compression standard for video. The correct playback of DivX files on this player depends on the preparation and production of the audio and video files, the codec used, the type of recording equipment used and the parameters of your computer. It may therefore happen that you cannot play a DivX file or that part or all of it is defective.
DivX disc compatibility with this player is limited as follows:
- The maximum resolution of the DivX file is below 720x576 (WxH) pixel.
- DivX filename should not exceed 56 characters.
- If the video and audio structure of recorded file is not interleaved, either video or audio is outputted.
- If the file is recorded with GMC, the unit supports only 1-point GMC. GMC is the acronym for Global Motion Compensation .It is an encoding tool specified in MPEG4 standard. Some MPEG4 encoders, like DivX or XviD, have this option. There are different levels of GMC encoding, usually called 1-point, 2-point, or 3-point GMC.

DTS is a digital sound compression technique developed by Digital Theater Sound Systems for digital multichannel audio signals. "DTS" and "DTS Digital Out" are trademarks registered by Digital Theater Systems Inc.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Apparatus Claims of U.S. Patent Nos. 4,631,603, 4,577,216, 4,819,098, and 4,907,093 licensed for limited viewing uses only.

FUNCTION SETUP

Proper setup of the unit will let you enjoy better sound and picture quality as well as many useful features. The selections are the preferred options that will be chosen, provided they are available on the disc. **NOTE: If the disc loaded does not have the preferred option then the disc's own preference should be used.**

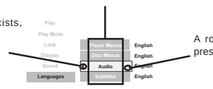
BASIC OPERATIONS

To access the setup menu the unit must be in STOP mode.



Use the Active Navigation keys to browse and make selections in the menus. To make selections within a menu, press ▲▼ and then OK.

A parent menu exists, press ◄ or EXIT



A root menu exists, press ► or OK.

PLAY



Play
No menu is available without disc loaded. (See under "When Disc is stopped")

PLAY MODE



Play Mode
No menu available without disc loaded. (See under "When Disc is stopped")

LOCK



Lock Player
Create your password here using the numeric keys. The player is delivered without a password. When you set the rating limits (see under "Rated Titles") for the first time, you are required to enter your own password (e.g. 1,2,3,4). This becomes the password for the unit. **You must memorize this password in order to change it in future.**



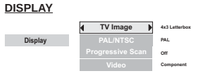
Change Password
Change your existing password to a new one using the numeric keys to replace the existing one.



Rated Titles
DVD discs have parental levels assigned to them. The range of parental controls are from 1 to 8. The player can be set in a similar way by pressing ▲▼. If the unit's rating limit is set to 8, it will play all discs. If the player's rating limit is set below 8, only discs with a lower or equal parental level will play.
For example if the player is set to 5, only discs with parental control ratings of 5,4,3,2, & 1 will play. To play a higher rated disc you must change the unit's rating to a higher number.



DISPLAY



TV Image
Three options available: 1) 4x3 Letter Box, 2) 4x3 Standard & 3) 16x9 Wide Screen. Press OK to select a suitable one.
Select TV Image according to your TV type.



If you have a wide-screen (16:9) TV, select "16x9 Widescreen"
- for 16:9 movie, you will have full screen viewing.
- for 4:3 movie, black bars show on left and right sides of screen.

For conventional 4:3 TV,
- if you select 4x3 Letter Box for 16:9 movie, black bars show on top and bottom of screen.

PAL/NTSC
Press OK to select between PAL or NTSC output to match your TV or other equipment.



Progressive Scan



By displaying all the lines of a picture simultaneous (instead of displaying odd and even lines alternatively such as a conventional TV), Progressive Scan greatly enhances picture resolution while minimizing distortion and flickering.
To use this feature, your TV must be Progressive Scan compatible with Component Video input jacks connected to the DVD unit.
1. Set your unit to PAL output mode.
2. Select the Progressive Scan option and press OK (or V.Select on the remote control) to activate.
3. A caution message will display. Press OK to continue.

Caution: *If you see distorted or no picture after pressed OK, then check the following:*

i) Your TV may not be Progressive Scan compatible. Wait a few seconds and the unit will have return to the previous setting before change.

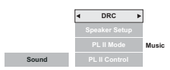
ii) Make sure your TV is connected with Component Video output from the DVD unit and is now switched to view such input through which Progressive Scan signals are transmitted . There will be no video signal from AV output, in case you have both Component Video and AV connections.

4. A message requesting for confirmation will appear on screen. Select Yes (confirm) or No (return to previous setting) by ▲▼ and press OK to confirm.

Video Output
Press OK to select between Component Output and SCART Output to match the video output of your DVD unit.



SOUND



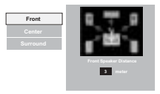
DRC
Press OK to turn on/off. This controls the Dynamic Range Compression (DRC) for night time listening. DRC reduces the difference between normal voices and sounds such as like explosion to avoid waking your neighbours. The amount of range control available depends on the disc.



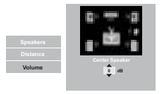
Speaker Setup
Two options are available to adjust your speakers setting to best fit your listening environment.



Distance
You can specify the distance (changing the sound delay) between speakers (front, center and surround speakers) and the listener for optimal stereo sound.
The default distance is 3m for front and center speakers and 1.5m for surround speakers.
Change the distance from 0.5 to 9m according to your actual listening environment by pressing ▲▼ and then OK.



Volume
You can make fine adjustment to the loudness of each speaker from -10 to +10 dB. When this option is selected, a test noise will generate automatically from each speaker, one by one. To go to the next speaker manually, press ◄►.
Adjust loudness by pressing ▲▼ and press OK to confirm setting and exit the menu.



Pro Logic II Mode
The additional flexibility of Pro Logic II allows it to be tailored for specific applications. Three standard modes are available.



Pro Logic II Control
PL II Control lets you to customize the Pro Logic II Music Mode Sound Effect. The option is available only when the player is in Music Mode.
Dimension / Panorama / Center Width Control



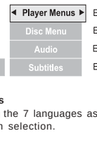
It's recommended to set the control to use the position 3 values for the Music mode. This will also help distinguish the Music mode from the Movie mode, which automatically presets the Center-width control to position 0.

Notes:

DTS is a digital sound compression technique developed by Digital Theater Sound Systems for digital multichannel audio signals. "DTS" and "DTS Digital Out" are trademarks registered by Digital Theater Systems Inc.

Dolby and the double-D symbol are trademarks of Dolby Laboratories. Manufactured under license from Dolby Laboratories.

LANGUAGES



Player Menus
Select among the 7 languages as default language for player menus. Press OK to confirm selection.

Disc Menus
Select among the 7 languages (if available on disc) as default language for disc menus. Press OK to confirm selection.

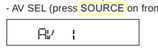
Audio
Select amongst the 7 languages (if available on disc) as the default audio language. Press OK to confirm selection.

Subtitle
Select among the 7 languages (if available on disc) as the default subtitle language. Press OK to confirm selection.

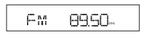
GENERAL OPERATION

Selecting the source

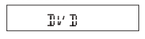
Press one of the input selector buttons (on the front panel or remote control) to select the below input source:
- AV SEL (press SOURCE on front panel or AV SEL)



- TUNER

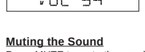


- DVD/CD/VCD



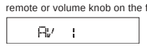
Adjusting the Master Volume

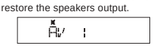
The master volume adjusts all channels at the same time: Press △▽ on the remote control, OR rotate the master volume knob on the front panel.



Muting the Sound

Press MUTE to mute the speaker output. The Speaker Indicator will disappear on the display and the MUTE icon appears. Press MUTE or the volume button on the remote or volume knob on the front panel to restore the speakers output.

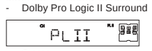




Selecting Surround Output Modes

The number of output modes varies according to the system setup and the input sources. Press MODE repeatedly on the remote control to select the different surround modes as shown below:

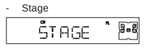
- Dolby Pro Logic II Surround



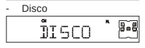
- Stereo



- Stage



- Disco



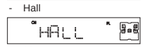
- 3 Stereo



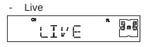
- Digital Soundfield Simulation - Stadium



- Hall

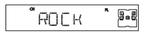


- Live



Selecting EQ Modes

There are 6 EQ modes available while you are listening to 2 channel output (e.g. Music CD). Press TONE repeatedly on remote control for selection among FLAT, ROCK, POP, CLASSIC, JAZZ, and EXTENDED BASS.



SURROUND SOUND & SOUND EFFECTS

Display Indicators



Note: For proper surround sound make sure you have followed the setup and installation procedure fully.

Dolby Digital Surround

The Dolby Digital Surround system requires connections of all 5 speakers (front left, center, front right, surround right, surround left) for the correct surround sound reproduction.This 5.1 channel digital surround format enables five individual full-range (120Hz-20KHz) channels plus an LFE (Low Frequency Effects) channel for the low-range (20Hz-120Hz) effects. It creates a realistic sound similar to the theaters and cinemas. A large proportion of DVD discs use this system for sound.

Dolby Pro Logic II Surround

The Dolby Pro Logic II Surround system is the next generation in Dolby Surround decoding. It creates five full-bandwidth output channels from two-channel sources.
This is done using an advanced, high-purity matrix surround decoder that extracts the spatial properties of the original recording without adding any new sounds or tonal colorations. Diferent mode Pro Logic II mode are available:
Pro Logic - it offers users the robust surround processing of the original Pro Logic.
Music - it's recommended as the standard mode for autosound music systems (without video), and is optional for A/V systems.
Movie - It can be called simply "Pro Logic II". It has stereo surround channels and no surround filter, unlike Pro Logic which has a mono surround channels and a 7KHz surround filter. Movie mode is the standard required for all A/V systems.
Dimension - A simple control that alters the ratio of L+R to L-R for the two-channel input signals. It allows the user to gradually adjust the soundfield either towards the front or towards the rear. If a recording is too spacious or strong from the surrounds, it can be adjusted "forward" to get a better balance.
Likewise, if a stereo recording is somewhat too "mono" or "narrow" sounding, it can be adjusted toward the rear to get a more enveloping, immersing result.
Panorama - Extends the front stereo image to include the surround speakers for an exciting "wraparound" effect with side-wall imaging.
Center Width Control - With Pro Logic decoding, dominant center signals can come only from the center speaker. If no center speaker is present, the decoder splits the center signals equally to the left and right speakers to create a "phantom" center image. The Center Width control allows variable adjustment of the center image so it may be heard only from the center speaker; only from the left/right speakers as a phantom image; or from all three front speakers to varying degrees.

Note: Pro LogicII mode is disabled when playing MP3/WMA.

3 Stereo

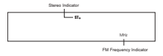
3 Stereo produces three channels (front left, center, front right) of sound from a two channels analog signal. It is not a surround format so it does not require surround speakers.

Soundfield Effects

The digital Soundfield Effects recreates the effects of sounds reflected from walls or ceilings to obtain the sound presence of real environments.
- Stadium: recreates a large stadium using very long reverberation times.
- Stage: recreates a stage environment, emphasizing sound from the front speakers.
- Hall: recreates a hall using lots of reflections. Suitable for orchestral music such as classical and opera.
- Disco: recreates the disco or club music effect. It is suitable for all types of music that are played in disco.
- Live: suitable for all types of music.

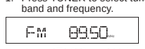
RADIO

Display Indicators



Tuning

Manually
1. Press TUNER to select tuner mode, the display will change to show the current band and frequency.



2. Press ▲▼ or ⏮ / ⏭ on the Front Panel to change the frequency.

Automatic tuning
1. Press TUNER to select tuner mode.
2. After two seconds the display will change to show the current band and frequency.
3. Press and hold ▲ or ▼ for more than one second to activate auto tuning mode. When a station is reached, auto tuning will stop.

Tuning to a weak FM stations
1. Press ▲▼ to tune in a weak FM station manually.



2. Press FM MODE on the remote control to switch to Mono mode. This will reduce the background noise and make the station easier to listen.

Preset Stations

When a preset station is selected, the preset number (CHXX) will be displayed for 5 seconds and then the frequency.

Selecting Preset Stations
Use the remote's numeric keys or ◄► to select desired preset station.

Storing Preset Stations
The unit can store up to 20 stations in the FM.
1. Press ▲▼ to tune in the desired station.

2. Press and hold OK until the preset channel icon flashes.

3. Press ◄► or use the remote's numeric keys to select the preset channel number.

4. Press OK once more to store into memory when "SAVED" icon flashes.

SLEEP

Setting the Sleep Timer

This feature allows you to select a time for the system to switch to the Standby mode automatically.
1. Press SLEEP on the remote control repeatedly to cycle through the below sleep timer options.
The available options are :
SLEEP OFF -> SLEEP 120 -> SLEEP 90 -> SLEEP 60 -> SLEEP 30 -> SLEEP 15

2. The 'SLEEP' icon will appear when the desired Sleep time is set on.

Checking remaining Sleep Time

When the Sleep timer is switched on, you can check the remaining time before the unit switches to Standby mode. Press SLEEP once, the remaining time will be displayed.

Cancelling the Sleep Timer

To switch off the Sleep Timer, press SLEEP repeatedly until "SLEEP OFF" is displayed.

PLAYING DVD/CD/VCDs

1. To play DVD/CD/VCD discs, press ⏏ to open the disc tray.
2. Load disc onto the tray with label side facing upward.
3. Press ⏏ to close the tray. The disc will start playing automatically. There may be a short delay before playing while the player reads the menu from the disc.

WHEN DVD/CD/VCD DISC IS PLAYING

Pause, Slow Motion and Frame-by-Frame Advance for DVD/VCD Playing
Press ❚❚ to freeze playing temporarily. Press repeatedly to select between "Pause" and "Freeze" modes. In the "Pause" mode, press ◄◄ ►► to start forward/backward slow motion play (increase or decrease speed by pressing ◄◄ ►► repeatedly). In "Freeze" mode, each press of ◄◄ ►► will move the play forward/ backward by one frame. Press ► to resume normal playing.

Skip
Press ⏮ ⏭ to skip forward or backward a chapter/track.

Fast Search
Press ◄◄ ►► to search through the disc forward or backward quickly. Pressing ◄◄ ►► will increase/ decrease the search speed.
(Note: there is no sound in Fast Search, Slow Motion and Frame-by-frame Advance modes. Press ► to resume normal playing.)

Quick keys (MENU, TITLE) for DVD Playing
Press corresponding keys to go into their respective disc menu. Select options in menus with navigation keys and confirm selection by pressing OK.

Stop and Resume stop
Press ■ once to resume stop. In this mode playing can be resumed from the stop point by pressing ►. Press ■ twice to stop playing completely and press ► will start playing from the beginning.

Numeric keys (0-9) for CD Playing
Input track number for direct track selection.

Active Navigation
Press INFO to display the control bar on TV screen to make menu selections without interrupting playing. Select options by pressing ◄►. Press INFO or EXIT to quit from showing the control bar.

For DVD Discs:

For CD Discs:

For VCD Discs:

*Note: Repeat A-B allows a passage to be repeated continuously. Press **OK** at the start of the required passage (A), then press **OK** again at the end of the required passage (B). The passage will then be repeated continuously between point A and B.*

Press ▲▼ to select between PBC (Playback Control) on/off. The PBC menu consists of a list of titles, you can select a title directly with numeric keys. (Some discs may not have this function)

Press OK to enter Index mode and index menu will be display on top of screen. Press OK during playing to set any scene as indexed.
To play/cancel indexes, use the Active Navigation keys to select (Play) or (Cancel) in an index and press OK.

Angle

Press INFO twice to display the angle bar (if available on disc). Press ▲▼ to select viewing angles.

Note: When the selection is completed, exit the Navigation Bar by pressing INFO or EXIT.

PLAYING MP3 / WMA /JPEG DISC

1. To play MP3/WMA/JPEG disc, press ⏏ to open the disc tray.
2. Load disc onto the tray with label side facing upward.
3. Press ⏏ to close the tray, then the files in disc will be detected.

SELECTION MENU

The Selection Menu will appear when starting the MP3/WMA or MP3+JPEG or JPEG playback. Use active navigation keys to access the files. Press OK to select. The names of the selected folders and files will appear in the Menu. To start playback of the chosen files, press PLAY.

MP3/WMA files only:
The player begins playing all the files in the currently selected folder and followed by all the files in the subfolders contained within its parent folder. After that, the player plays the remaining folders in the disc.

JPEG files only:
The player starts the slideshow with the JPEG files currently selected and proceeds to display all the JPEG files in the same folder. It then goes onto the JPEG files in the subfolders contained in the same folder.

MP3 files along with JPEG files:
The player begins the slideshow with the JPEG files in the currently selected folder. At the same time, it plays the selected MP3 file.
Note: If you haven't confirmed a selection, the player will automatically play the first 10 seconds of the track you select. No PLAY indicator will appear. IntroScan playback will not skip to next file automatically.

WHEN DISC IS PLAYING

Pause
Press ❚❚ to stop playing temporarily. Press again to resume playing.

Skip
Press ⏮ ⏭ to skip forward or backward a track.

Stop and Resume Stop
Press ■ once to Resume Stop. In this mode playing can be resumed from the stop point by pressing ►. Press ■ twice to stop playing completely and press ► will start playing from the beginning.

Quick keys (ROTATE, MENU, ZOOM)
Press corresponding keys to go into respective disc menu. Select options in menus with navigation keys and confirm selection by pressing OK. Each press of ROTATE will rotate the picture by 90 degrees. Press MENU during picture music or picture only playback to display the picture/music selection menu, while playback stops. Press ZOOM to zoom the picture in and out during a picture slideshow.

Active Navigation
Press INFO to display the info bar on TV screen to make menu selections without interrupting the playing.

MP3 / WMA files only:

00:33:10 For DVD playing, input the desired time you want to play from, by using the numeric key. Associated scene will be played on screen. Display the CD/VCD current track time.

Press ▲▼ to select the title/track you want to play.

Press ▲▼ to select the chapterof DVD you want to play.

Press ▲▼ to select the screen fit option [Normal, Enhanced or Maximum] according to the availability on disc.

Press ▲▼ to select subtitle language according to the availability on disc.

Press ▲▼ to select audio output mode according to the availability on disc.

Press ▲▼ repeatedly to select play mode and repeat mode as below:

For DVD disc:
Standard > Program > Random > Disc Repeat > Title Repeat > Chapter Repeat > Repeat A-B
For CD disc:
Standard > Program > Random > Disc Repeat > Track Repeat > Repeat A-B > IntroScan
For VCD disc:
Standard > Disc Repeat > Track Repeat > Repeat A-B
Press **OK** to confirm.

00:15:20 **Timer**
Display the discs current playback time.

Play Mode Selection
Press ▲▼ repeatedly to select play mode and repeat mode as below:
Standard > Program > Random > Track Repeat > Folder Repeat > Disc Repeat
Press **OK** to confirm.

MP3 files along with JPEG files or JPEG files only:

00:15:20 **Timer**
Display the discs current playback time.

Slideshow Speed Selection
Press ▲▼ to select a slideshow speed:
Fast > Slow > Normal

Note: When the selection is completed, exit the Navigation Bar by pressing INFO, or EXIT.

PLAYING DivX DISC

Your player is an Official DivX Certified product that Plays DivX 5, DivX 4, DivX 3, and DivX VOD video content, in compliance with DivX Certified technical requirements. The correct playing of DivX in your player, depends on the preparation and production of the audio and video files, the codecs used, the type of recording equipment employed and the parameters of your computer. It is therefore possible that you cannot play a DivX file or that part or all of it is defective. It also sometimes happens that you can play the image (video) but not the sound (audio).
Note: To guarantee playback of DivX files the audio must be mp3 format. DivX Certified devices can play back any interleaved mp3 audio at any bitrate, both CBR and VBR. The audio must be sampled at standard frequencies, such as 32 kHz, 44.1 kHz, and 48kHz, and must conform to the AVI file specification. Apart from mp3, the audio formats recognised by your player are MPEG layer 1/2, AC3, DTS, PCM. Formats such as AAC and Ogg Vorbis are not supported by this player.

1. Open the tray by pressing the ⏏ button, insert the disc and then press again the ⏏ button to close the tray.
2. The disc's contents are displayed. Select the DivX file that you wish to play with ▲ and ▼ buttons and press **OK** to select it.

*Noted: To delete your selection, press the **CLEAR** button.*

3. Press ► to start playback.

A note on copying: Before making use of DivX or mpeg4 files, please be sure of their origin and that you have legally purchased or rented the contents. Pirate copying is illegal and may result in sanctions. Private copies of your own material for your own use may be legal in some countries. Make sure you are aware of applicable laws.

To rent (purchase) DivX VOD files
DivX VOD files are similar to DVD video rental discs. The difference lies in the access to the media. DivX VOD files are downloaded after paying a rental from certain commercial web sites. Prior to downloading a VOD you need to input the registration number of your DVD player on the purchase form of the site.
Follow the instructions below to find the registration number of your player:
1. Insert a disc.
2. In the DVD menu, select DivX. The registration number is displayed on the screen of the television set.
3. Write down this VOD 8-character registration number in order to fill in the form on the web site you purchase your DivX VOD files from.

Note: If you cannot play a DivX VOD file recorded on a CD-R disc after downloading it, the rental period allocated during purchasing from the web site may have expired. It may also be that the recorded file is not compatible with your player because of different versions or incorrect download parameters. The parameters used during the copying to CD-R may also be a cause. Since it is not possible here to supply all the information, parameters and advice relating to the use of DivX VOD files, we recommend that you visit specialised web sites such as www.divx.com/vod.